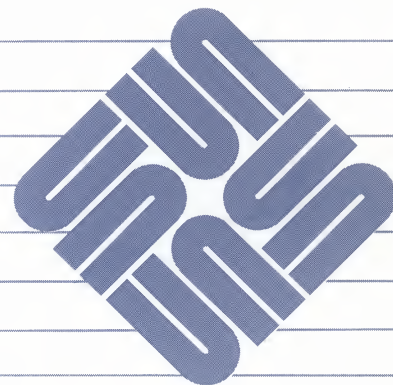




Sun SunNet Ethernet/VME Controller Configuration Procedures for 56-Inch Data Center Cabinets





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Configuration Procedures

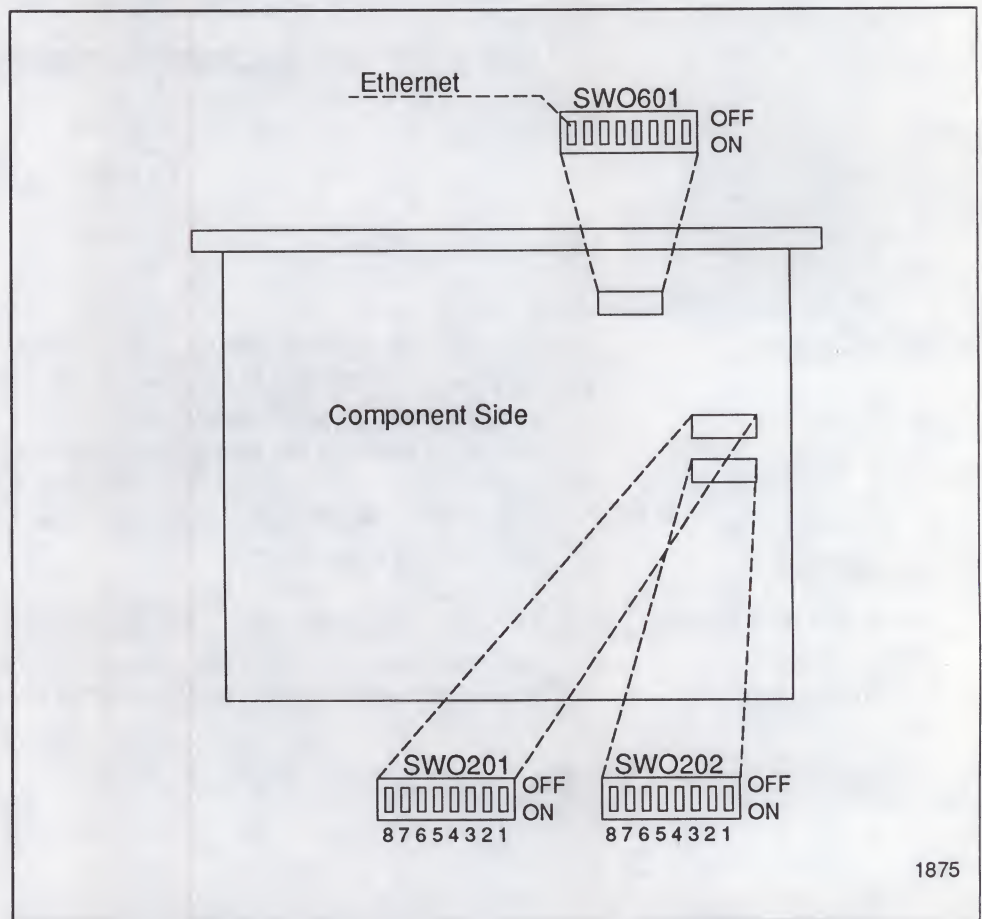
1. Introduction

This purpose of this document is to help you configure the Sun Microsystems SunNet Ethernet/VME Controller. For the most part, the board comes configured according to the specifications set forth in your order. You only need to read this document to verify the configuration or to change the configuration.

NOTE The SunNet Ethernet/VME Controller is designed to be used with a Level 2 external Ethernet transceiver.

2. Verifying or Changing DIP-Switch Configuration

The SunNet controller was set with the appropriate DIP-switch settings at the Sun factory according to the sales order depending upon whether one or two Ethernet controllers were ordered. The board's DIP switches are shown in the following figure:

Figure 1 *DIP-Switch Locations on the 3/E Ethernet Board*

1. Check the bank of switches located at SWO601. They should always be in the OFF position.
2. Compare the banks of switches located at SWO201 and SWO202 to the following tables. Verify or change the switch positions as required.

Note that Table 1 lists DIP-switch positions for the first Ethernet board in the server, at VME bus address A24 0x300000 (length 256 Kbyte), vector 0x76. Table 2 lists DIP-switch positions for the second board at bus address A24 0x340000 (length 256 Kbyte), vector 0x77.

NOTE Switch 3 of SWO201 is the only switch that is different on a first or second SunNet controller.

Table 1 *DIP-Switch Positions for the First SunNet Controller*

<i>Switch Position</i>	<i>SWO201</i>	<i>SWO202</i>
8	ON	ON
7	ON	ON
6	OFF	ON
5	OFF	ON
4	ON	ON
3	ON	ON
2	ON	ON
1	OFF	ON

Table 2 *DIP-Switch Positions for the Second SunNet Controller*

<i>Switch Position</i>	<i>SWO201</i>	<i>SWO202</i>
8	ON	ON
7	ON	ON
6	OFF	ON
5	OFF	ON
4	ON	ON
3	OFF	ON
2	ON	ON
1	OFF	ON

NOTE *The "Kernal Configuration" chapter in the SunOS release manual describes the configuration file requirements.*

Revision History

<i>Dash Number</i>	<i>Revision</i>	<i>Date</i>	<i>Comments</i>
10	A	26 September 1989	First Customer Shipment

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Please list typographical errors by page number and actual text of the error.

Technical Errors

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Content

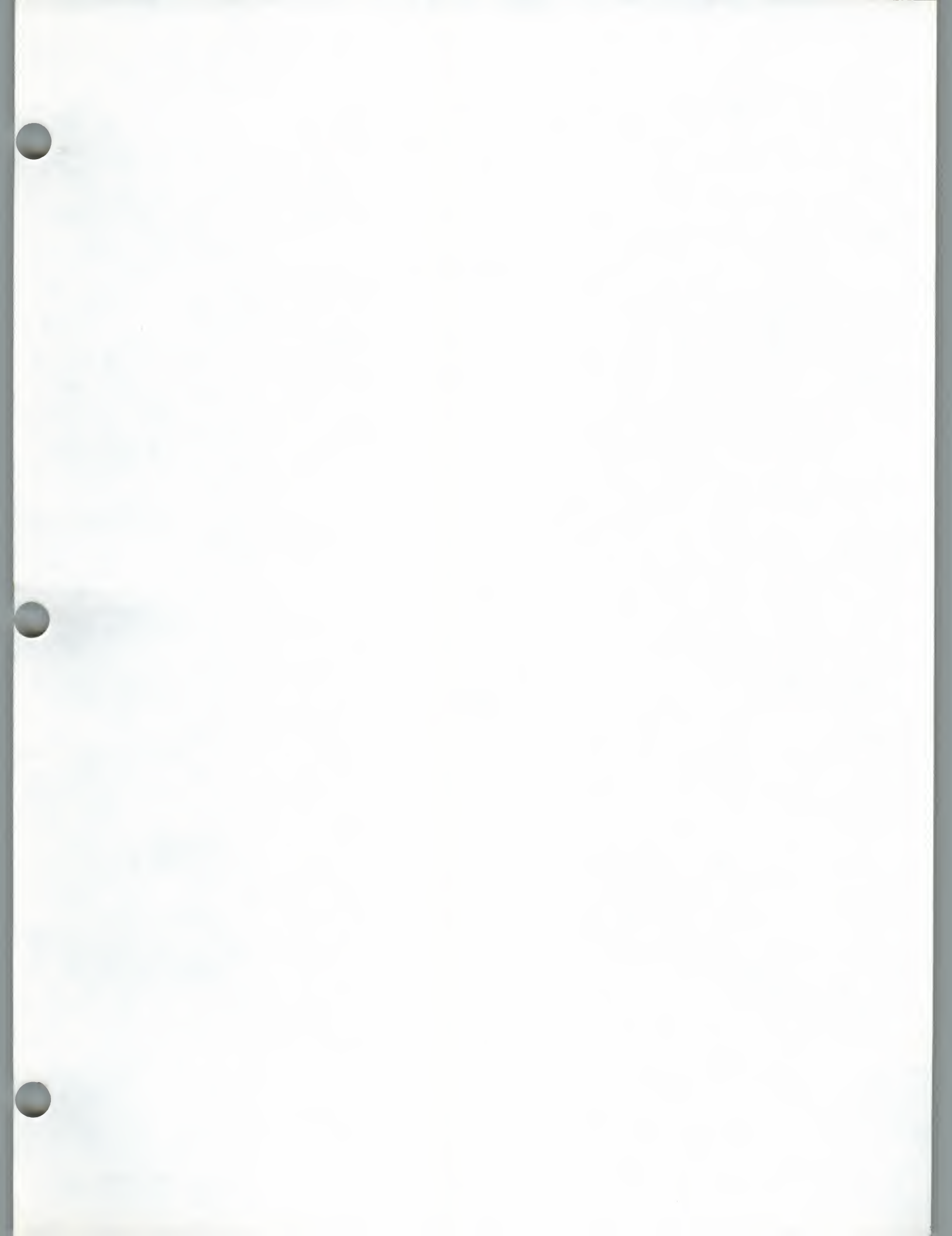
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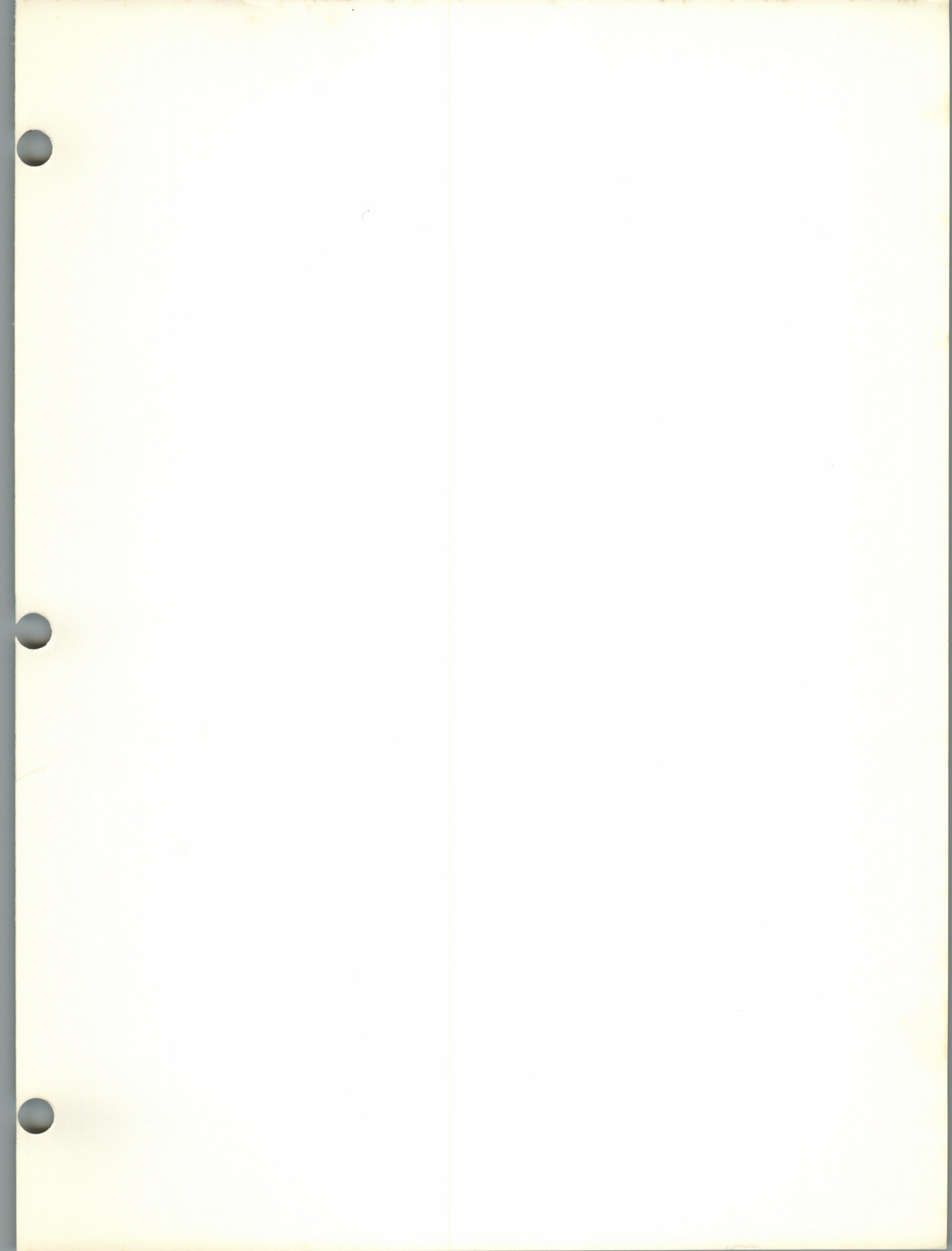
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